

92/1725  
PATENT JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Frank L. Hall

Serial No.: 09/863,676

Filed: May 21, 2001

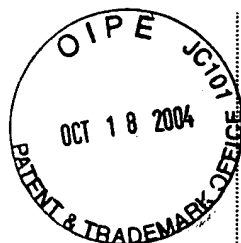
For: METHODS FOR PREPARING BALL  
GRID ARRAY SUBSTRATES VIA USE OF  
A LASER

Confirmation No.: 1281

Examiner: S. Heinrich

Group Art Unit: 1725

Attorney Docket No.: 2269-4718US  
(00-0316.00/US)



CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

October 12, 2004  
Date

*Deborah L. Hendricks*  
Signature

Deborah L. Hendricks  
Name (Type/Print)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of U.S. patents are not being submitted pursuant to M.P.E.P. 609 III A(2). Copies of foreign patent documents and non-patent literature are enclosed pursuant to 37 C.F.R. § 1.98(a)(2). The listed documents were cited by the Office in

co-pending applications Serial No. 10/791,190, filed on March 2, 2004; and Serial No. 10/791,194, filed on March 2, 2004 and directed to a related inventions.

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

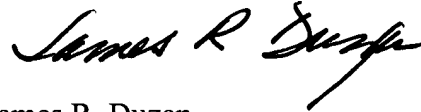
<u>U.S. Patent Documents</u>		
<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US - 3,866,398	02/1975	Vernon et al.
US - 4,752,668	06/1988	Rosenfield et al.
US - 4,894,115	01/1990	Eichelberger et al.
US - 5,104,480	04/1992	Wojnarowski et al.
US - 5,147,680	09/1992	Slysh
US - 5,442,416	08/1995	Tateyama et al.
US - 6,242,079	06/2001	Mikado et al.
US - 6,245,677	06/2001	Haq
US - 6,376,290	04/2002	Gosain et al.
US - 6,537,743	03/2003	Motokui et al.
US - 6,550,989	04/2003	Haley et al.

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the Notice of Allowance, but before payment of the issue fee.

I hereby certify that no item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the statement. Pursuant to 37 C.F.R. § 1.97(d)(ii), applicant hereby requests consideration of the accompanying Supplemental Information Disclosure Statement. The fee pursuant to 37 C.F.R. § 1.17(p) for consideration of this Supplemental Information Disclosure Statement is enclosed.

Respectfully submitted,



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Date: October 12, 2004

JRD/dlm:dlh

Enclosures: Form PTO-1449 or PTO/SB/08

Check No. 6778 in the amount of \$180.00

Document in ProLaw

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/863,676
				Filing Date	May 21, 2001
				First Named Inventor	Frank L. Hall
				Group Art Unit	1725
				Examiner Name	S. Heinrich
				Attorney Docket Number	2269-4718US (00-0316.00/US)
Sheet	1	of	1		